

# Industrial Aerator - Subsurface

## Function

Mixers create horizontal circulation using its incredible pumping rates. Ideal for shallow areas, narrow channels, coastlines or wherever horizontal flow and circulation is needed.

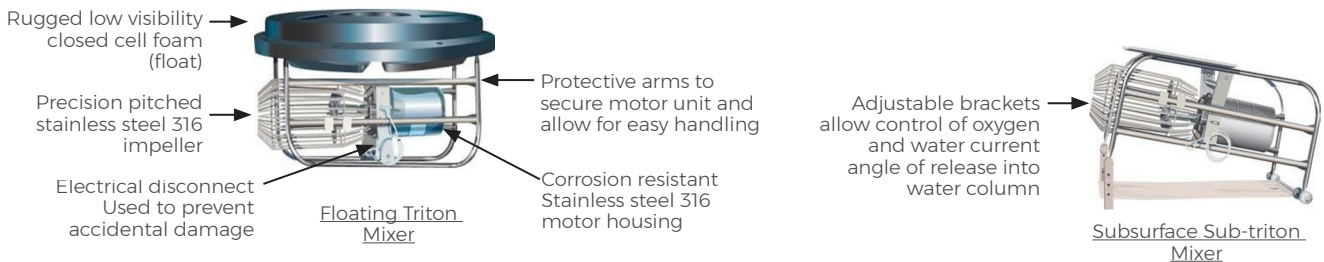
The Aspirator transfer oxygen from the water's surface into the water column through a venture tube, creating no visible surface spray.

Subsurface Industrial Aerators are available in floating Triton and subsurface Sub-triton configurations. Constructed from stainless steel 316, thermal plastics and a rugged low speed motor; these systems are built to withstand the demands of severe aquatic environment.



## Features:


- Complete package consist of Aerator unit and Cable with cable quick disconnect.
- Shallow operating depth for Floating Triton is 92cm min. depth of water and 76cm for Subsurface Sub-triton.
- CE, ETI & ETL-C certified
- Introduce oxygen into water to control Algae, Weeds and Odors.



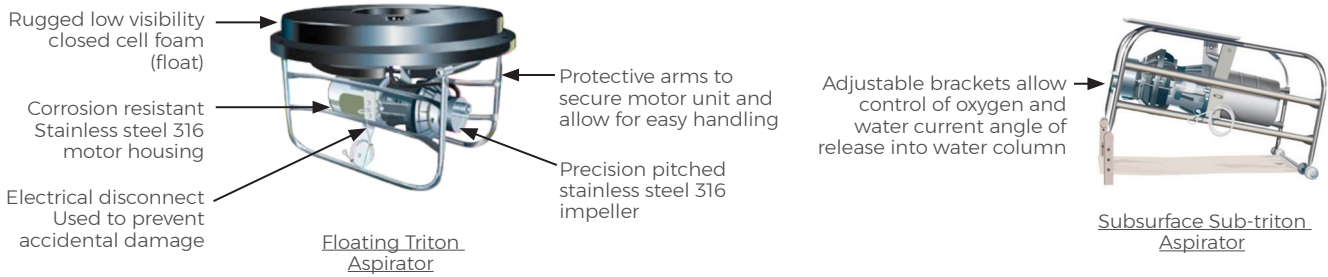
## Mixer



Power	1 HP	2HP	3HP
Volume (m³) influenced	12488	24976	37463
Voltage (V)	230	230	230 400
Phase	1	1	1 3
Amp	7.3	12	12.5 4.3
RPM @ Frequency	1425rpm @50Hz	1425rpm @50Hz	1425rpm @50Hz

Industrial Aerator	Mixer		Rev. 0	
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## Aspirator

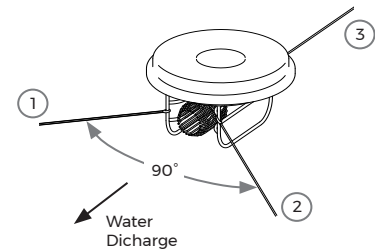
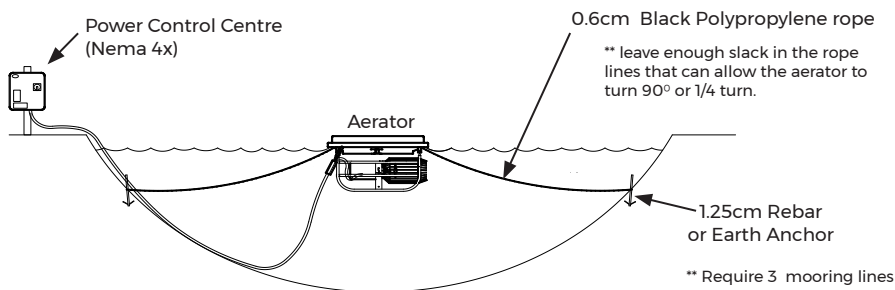


Power	1 HP	2HP	3HP	5HP	
Volume (m <sup>3</sup> ) influenced	5352	10704	16056	26760	
Voltage (V)	230	230	230	400	400
Phase	1	1	1	3	3
Amp	7.3	12	14.5	4.3	6.2
RPM @ Frequency	1425rpm @50Hz	1425rpm @50Hz	1425rpm @50Hz	1425rpm @50Hz	1425rpm @50Hz

## Sample installation

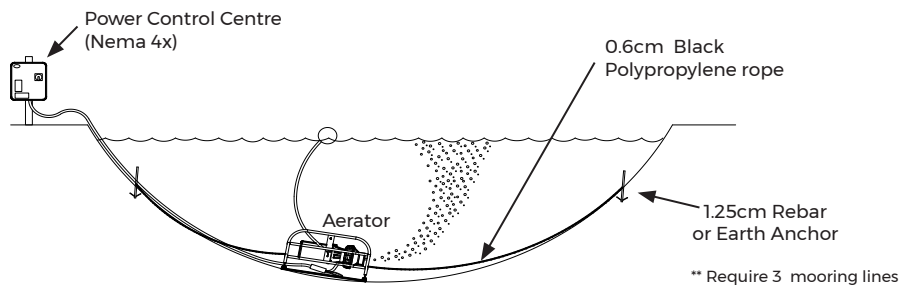
### Triton Installation - Mooring

\*\* for Mixer and Aspirator



### Sub-triton Installation - Mooring

\*\* for Mixer and Aspirator



Motor Horse Power	Max. Operating Depth
1HP	3.5 meters
2HP	6.5 meters
3HP	7.2 meters
5HP	8.5 meters

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